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1/9

# RESPONSE TO BURN INJURY, MET-Rx, OXANDRIN

FIGURE 1

CATABOLIC PHASE					ANABOLIC PHASE						
AGE	BURN %BSA	CATABOLIC PHASE (DAYS)	WEIGHT LOSS (LBS)	%TOTAL	ONSET	1	2	3 (wks)	1	2	3 (wks)
GROUP 1 (n=10)	25±9	38±9	30±5	18±3	1	2±1	2±1	3±2	2±1	3±1	3±1*
GROUP 2 (MET-Rx n=7)	28±8	37±11	28±6	17±4	2	4±1*	6±2*	7±2*	3±1	6±1*	6±2*
GROUP 3 (MET-Rx, Oxandrin n=4)	27±10	36±10	29±5	18±4	3	5±1*	8±2*	8±2*	4±1*	7±1*	8±2*

\*significant difference between groups p<0.05

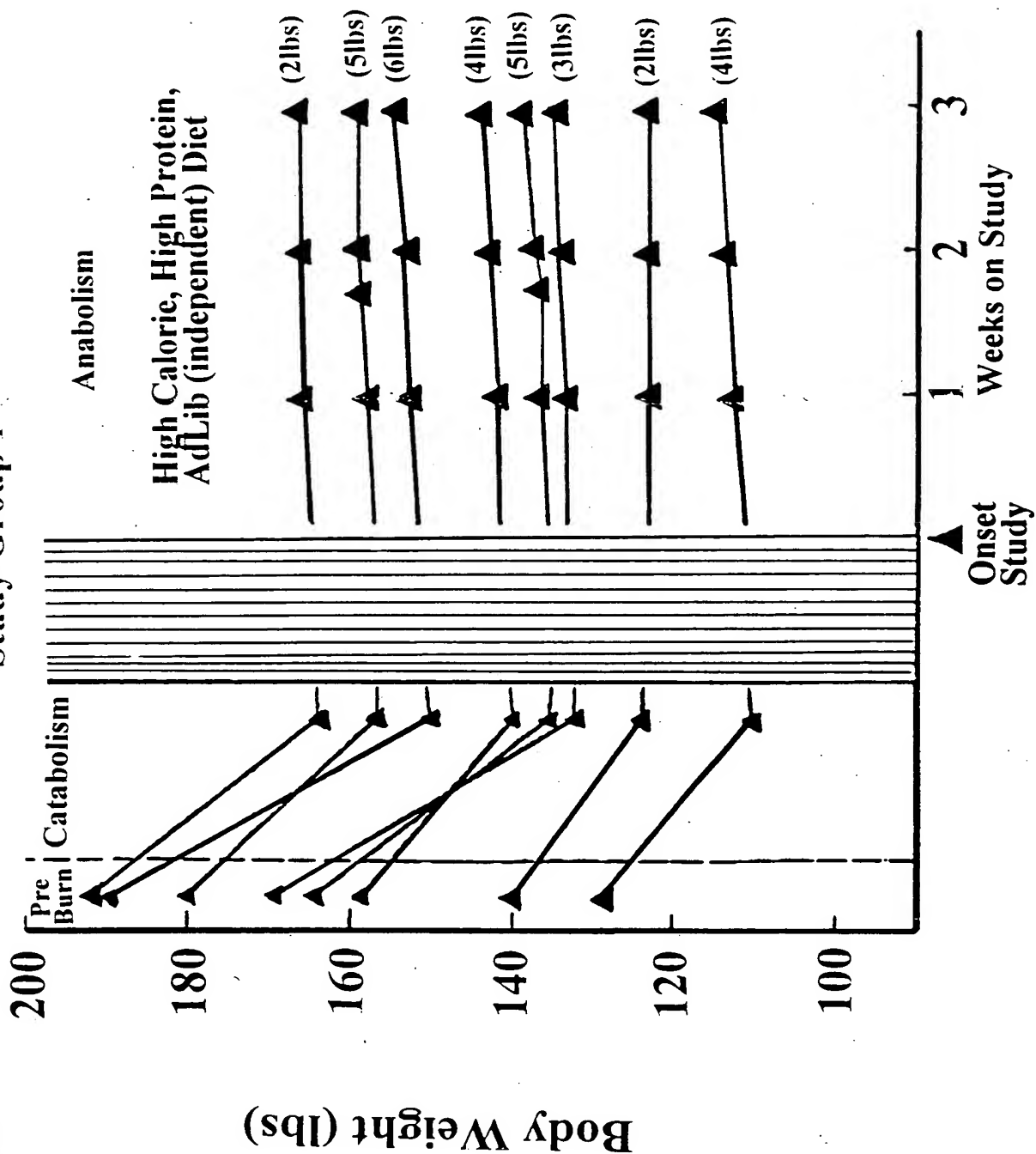
# RESPONSE TO BURN INJURY, MET-Rx, OXANDRIN

CATABOLIC PHASE NUTRITIONAL PROFILE				ANABOLIC PHASE							
Cal+ kg/day	Prot g/kg/day	Cal/kg/day*		Prot/g/kg/day		Weight Gain (lbs)					
		1	2	1	2	1	2				
GROUP 1 (n=10)	30±2	1.9±0.02	22±2	23±2	23±3	1.3±0.1	1.3±0.1	1.2±0.1	1.3±0.2	1.4±0.2	
GROUP 2 (n=7)	31±3	2.0±0.2	24±3	27±2*	28±3*	2.0±0.2	2.1±0.1	2.2±0.2	2.5±0.2*	2.7±0.1*	2.9±0.2*
GROUP 3 (n=4)	31±3	1.9±0.1	25±2	28±2*	30±3*	2.1±0.1	2.1±0.1	2.2±0.1	4.9±0.5*	5.0±0.5*	5.1±0.5*

\*significant difference between groups p<0.05  
 \*non-protein calories

2/9

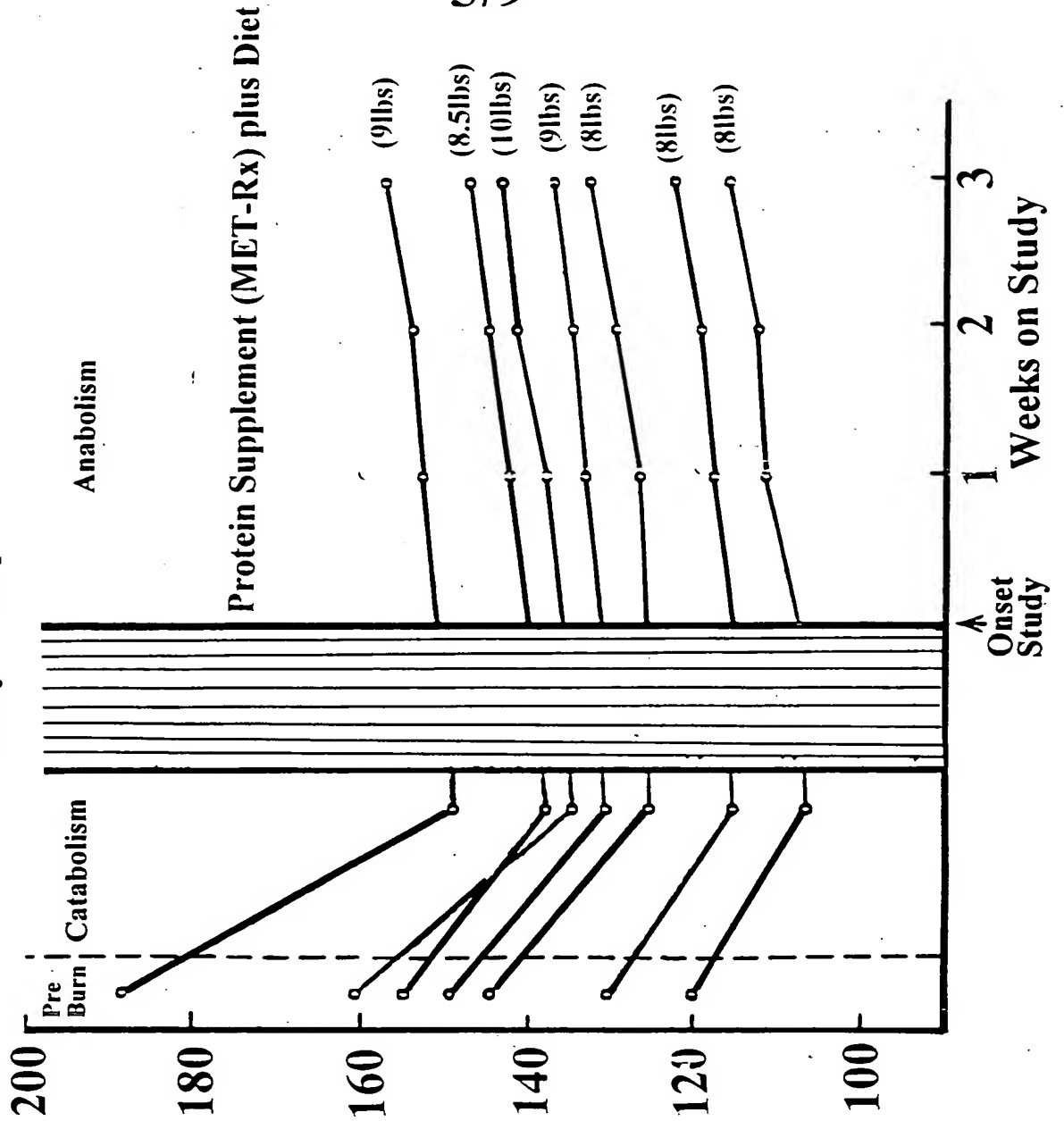
**Burn Injury (30-50% TBS)  
 Study Group 1**



Body Weight (lbs)

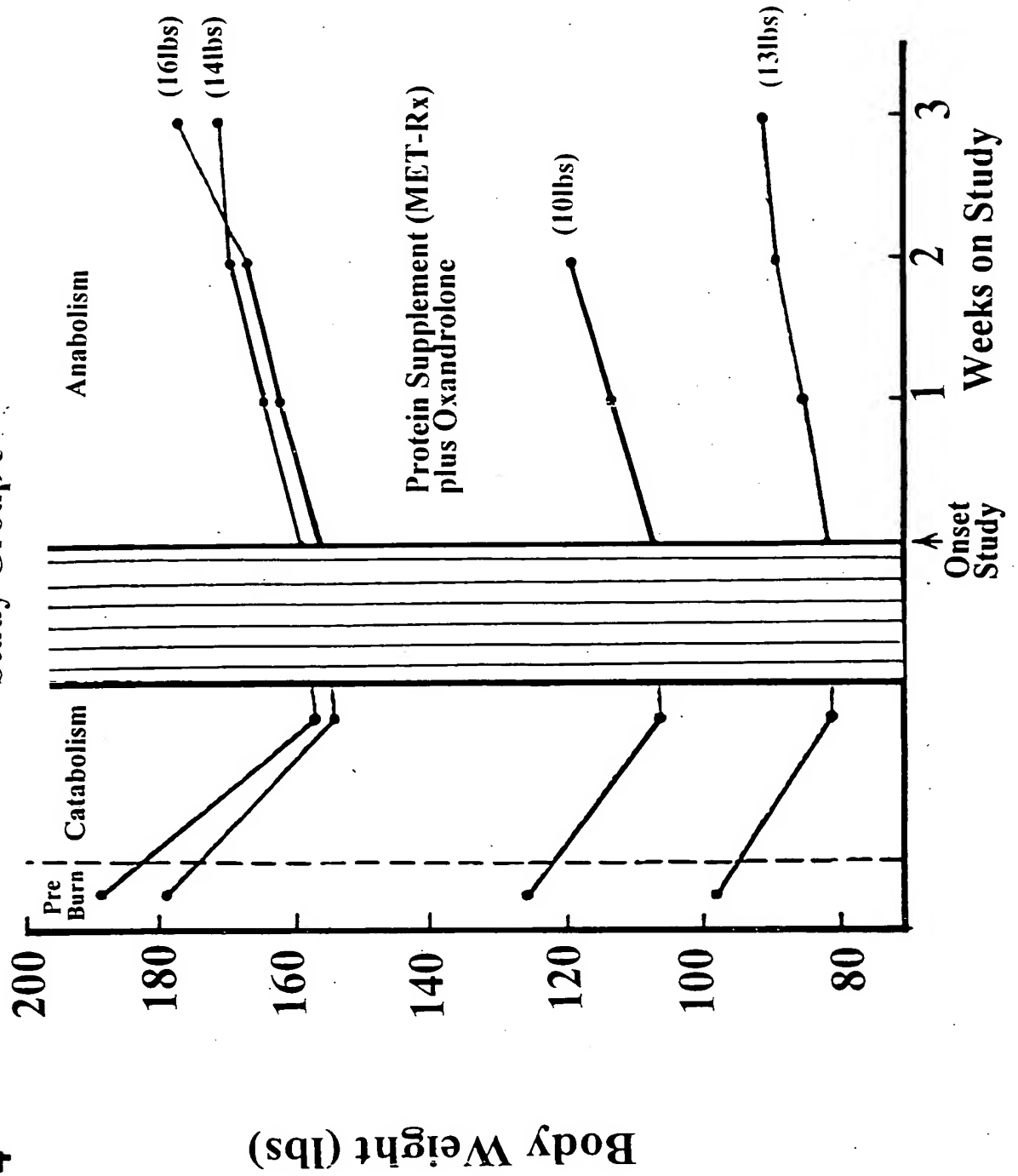
FIGURE 3

Burn Injury (30-50% TBS)  
Study Group 2



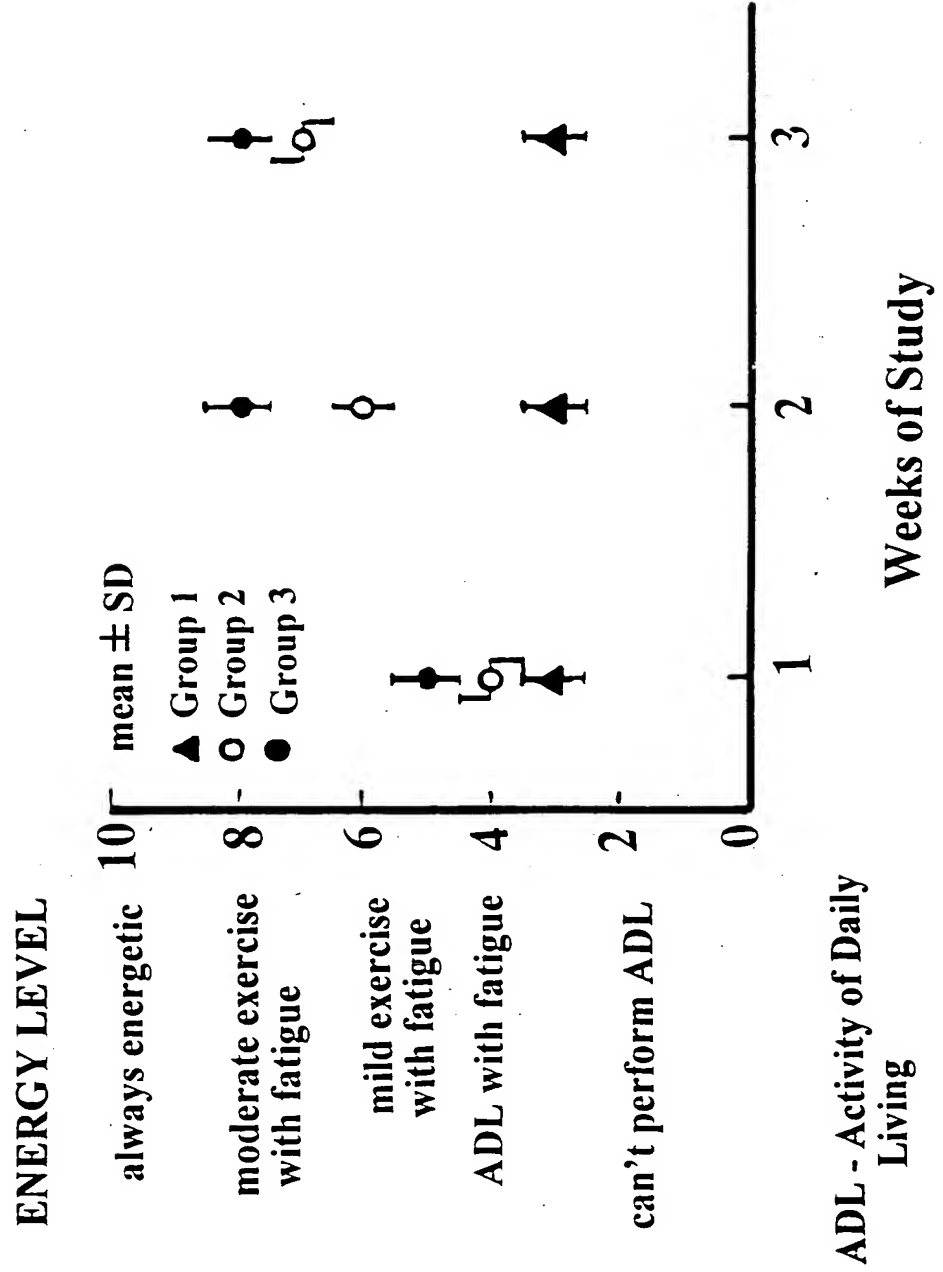
4/9

Burn Injury (30-50% TBS)  
 Study Group 3



5/9

**FIGURE 5**  
**Anabolic (Recovery) Phase**  
**30-50% TBS Burn**

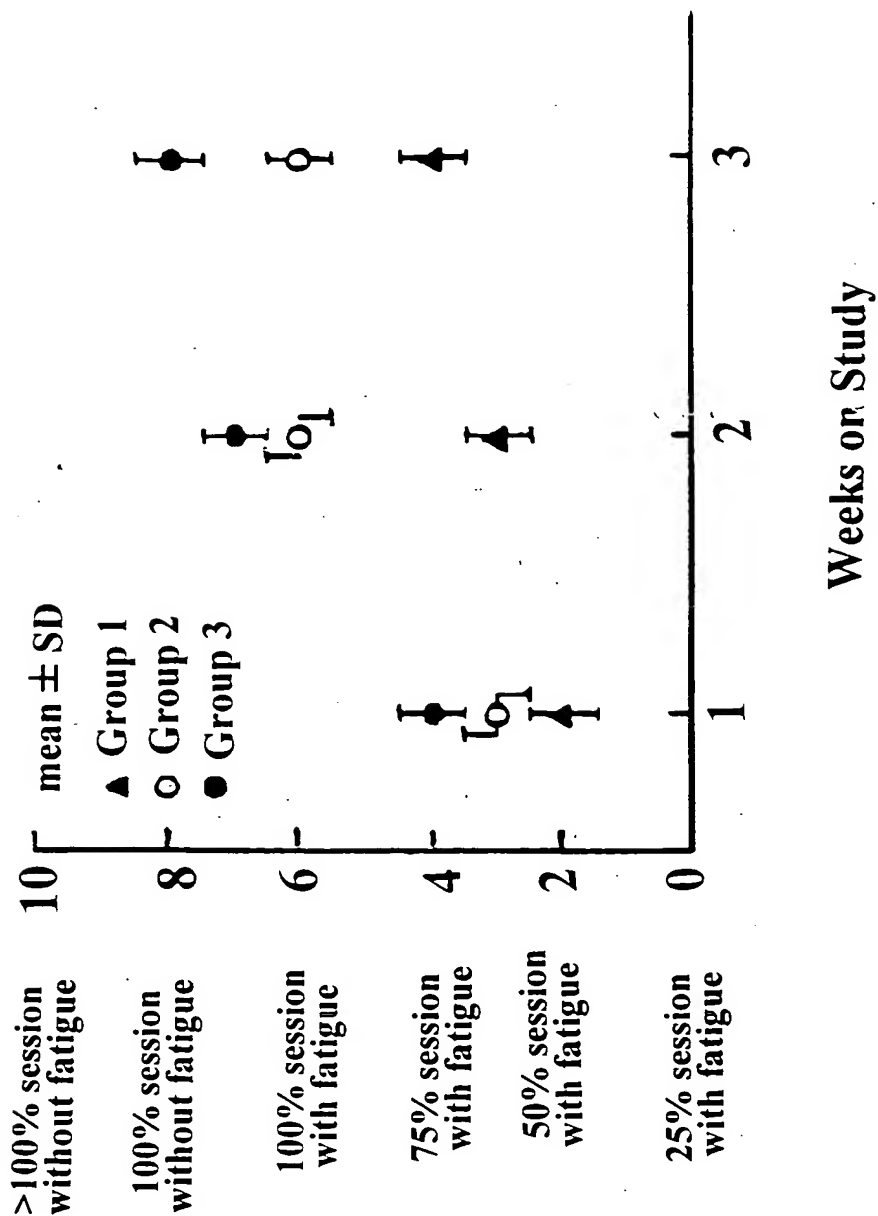


6/9

**FIGURE 6**

**Anabolic (Recovery) Phase  
 30-50% TBS Burn**

**THERAPY INDEX**



# FIGURE 7

## EFFECT OF ANABOLIC AGENT AND INCREASED PROTEIN CONTENT ON THE RECOVERY PHASE

7/9

### CATABOLIC PHASE

### RECOVERY (ANABOLIC) PHASE (WKS)

#### NUTRITIONAL PROFILE

#### WEIGHT GAIN

#### Cal/kg/day

#### Prot/g/kg/day

#### Pounds Per Week

#### Wt. LOSS

#### LBS.

#### BURN %BSA

#### DAYS

#### %TOTAL

#### 1

#### 2

#### 3

#### 1

#### 2

#### 3

#### 1

#### 2

#### 3

Group 1  
(n=6)

34±8

45±8

39±9

20±7

12±4

32±4

34±4

35±5

1.9±0.1

2.2±0.2

2.2±0.1

2.5±0.2

2.6±0.4

2.6±0.5

Group 2  
(n=7)

36±9

47±6

35±9

21±6

11±3

33±3

33±4

34±4

2.0±0.2

2.0±0.2

2.2±0.2

3.9±0.4\*

4.4±0.5\*

4.8±0.5\*

Group 3  
(n=10)

39±8

42±7

32±1  
0

19±8

11±6

34±3

33±3

33±5

1.5±0.2\*

1.4±0.2\*

1.4±0.3\*

1.2±0.1\*

1.3±0.2\*

1.4±0.2\*

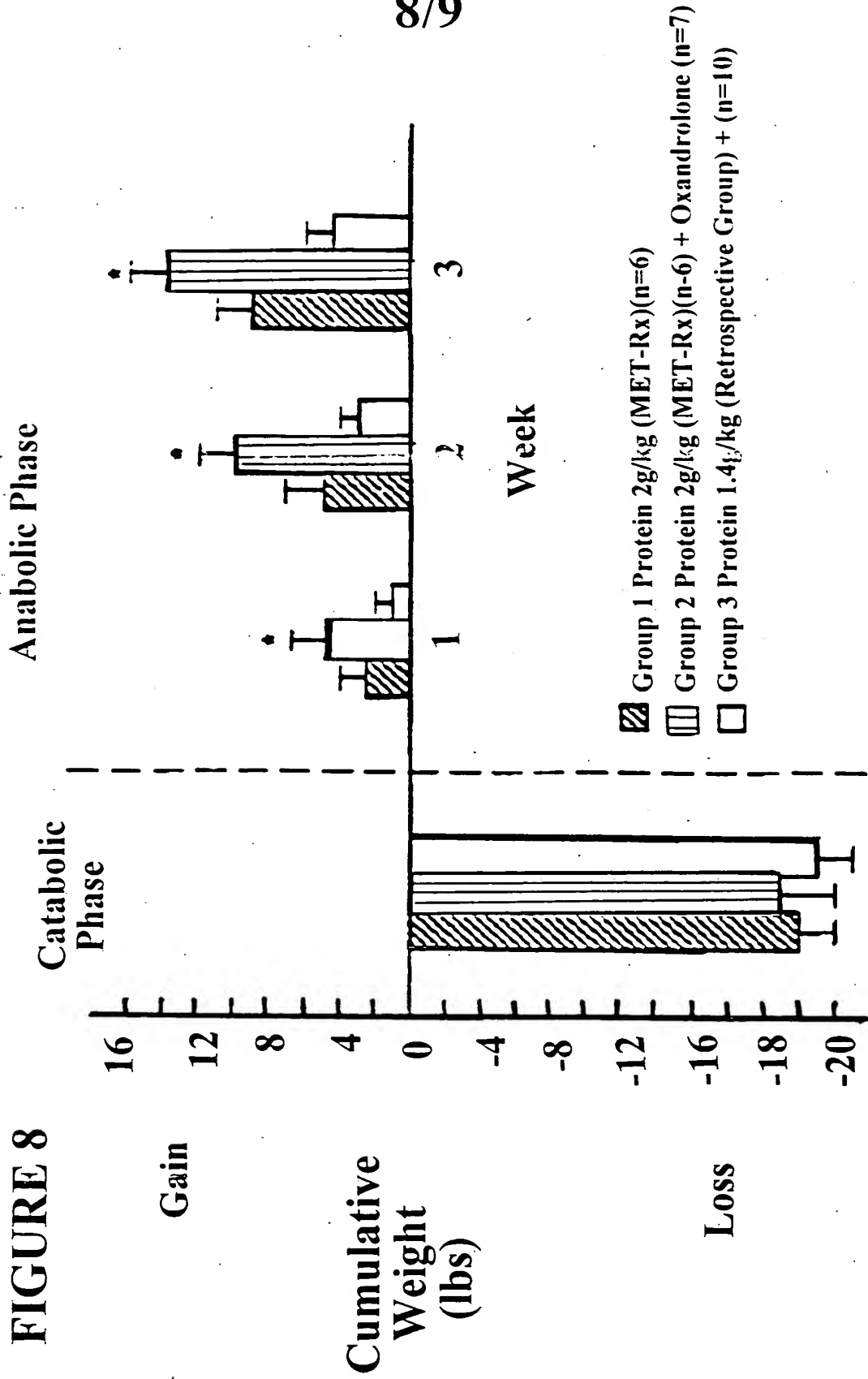
\*significant difference between groups 1 and 2 p<0.05

\*significant difference between groups 1 and 3 p<0.05



8/9

FIGURE 8



# FIGURE 9

## THERAPY INDEX

